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STATE OF MONTANA

BULLETIN

OF THE

Department of Public Health

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THOS. D. TUTTLE, M. D., Secretary

HELENA, MONTANA

UNION LABEL TRADES COUNCIL HELENA

PUBLIC HEALTH IN MONTANA.

At the last regular meeting of the State Board of Health the Secretary was directed to prepare and publish a monthly Bulletin, setting forth the statistics regarding communicable diseases and mortality, and such other matters regarding the prevention of diseases as may prove of interest or benefit to the people of our State. This is the first of these Bulletins and covers a period of four months in the matter of communicable diseases and mortality reports. In the future this Bulletin will be publihed on the fifteenth of each month. It will be mailed to any person in the State who is sufficiently interested in the prevention of disease and the preservation of health to send his or her name and address to the Secretary of the State Board of Health at Helena, Montana.

The last legislature passed efficient public health laws and a law providing for the immediate registration of births and prohibiting the burial of any body without a burial permit.

The following diseases are designated as "communicable" by the laws of our State and must be reported to the local or county health officer; Smallpox, Diphtheria, Membranous Croup, Scarlet Fever (Scarlatina, Scarlet Rash), Typhoid Fever, Measles, Tuberculosis, Chickenpox, Cerebro-Spinal Meningitis, Spotted (Tick) Fever, Whooping Cough, Bubonic Plague.

Each physician, midwife, and undertaker is required to register his or her name and address with the local registrar of births and deaths of the district in which he or she resides.

Persons making a practice of attending women in confinement without the presence of a physician are practicing midwifery.

The attention of health officers is called to the fact that they are required to see that the laws pertaining to public health and the rules of the State Board of Health are enforced within their districts. Manure piles and other conditions contrary to the laws and rules are in evidence in numerous localities. In some

instances the health officers are making a determined effort to see that these conditions are removed, and are having no trouble in the matter. The question in the minds of the people is "Does the health officer intend to enforce these rules." If he does the people are ready to comply with them, but if he intends to make a few clean up once and then let things go as they have been, that few does not intend to be imposed on. These rules are reasonable and were made with the intention that they will be enforced. If the health officer fails to enforce them within his district it becomes the duty of the State Health Officer to bring action against such delinquent local health officer.

This is the season to prevent Typhoid Fever. After the disease is established is too late. Filth is indirectly the source of typhoid fever. Do away with horse manure and flies will not be so numerous. Clean out your water closets and keep them clean. Clean up your back yard and keep it clean. Health officers must see that this is done. A filthy premises is a public nuisance, dangerous to the public health, and it is the duty of the health officer to see that such nuisance is abolished.

LOCAL REGISTRARS OF BIRTHS AND DEATHS.

The following are the names and Postoffice Addresses of the various local registrars. Sub-registrars will be appointed at various points as the need thereof becomes apparent.

Name of Registrar.	District.	P. O. Address.
J. S. Tooker	Helena and East Helena	Helena.
S. A. Cooney	Lewis and Clark Co., outside of Helena	Helena.
D. J. Donohue	Dawson County	Glendive.
Ed. Campbell	Custer County	Miles City.
J. J. McIntosh	Rosebud County	Forsyth.
H. E. Armstrong	Yellowstone Co. east of Park City	Billings.
C. F. Rothwell	Yellowtsone West of Park and the Valleys of the Rosebuds and Stillwater	Columbus.
J. A. Underwood	Red Lodge District	Red Lodge.
H. E. Wolfe	Bridger District	Bridger.
W. H. Allen	Carbon County east of Joliet, inclusive	Joliet.
J. A. Mulkern	Sweetgrass Co., except Stillwater Valley	Big Timber.
S. E. Leard	Park County	Livingston.
C. W. Jump	Gallatin County	Bozeman.
J. D. Shorey	White Sulphur Springs District	White Sul. Springs
H. B. Trice	Two Dot District (Meagher Co. east of Summit)	Twodot.
P. Baxter	Sixteen Mile Canon and Valley	Josephine.
H. H. Wilson	Fergus County	Lewistown.
H. F. West	Pony District	Pony.
G. W. Rightenour	Sheridan District	Sheridan.
R. R. Herndon	Virginia City District	Virginia City.
C. H. Virden	Twin Bridges District	Twin Bridges.
Andrew Less	Whitehall District	Whitehall.
C. T. Pigot	Silver Bow County	Butte.
H. W. Stephens	Deer Lodge Co., except Warm Springs	Anaconda.
M. F. Nackerman	Warm Springs	Warm Springs.
M. A. Walker	Beaverhead County	Dillon.
G. W. Gilham	Broadwater County	Townsend.
J. E. Wild	Boulder District	Boulder.
E. H. Pond	Basin District	Basin.
W. D. Kendrick	Missoula County (City excepted)	Missoula.
F. D. Pease	Missoula City	Missoula.
E. D. Peek	Sanders County	Thompson.
A. M. Bien	Powell County	Deer Lodge.
Wm. Ray	Granite County	Philipsburg.
K. H. Kellogg	Stevensville District	Stevensville.
F. M. Lockwood	Hamilton District	Hamilton.
C. A. Brady	Gerat Falls District	Great Falls.
Jno. S. Cook	Belt District	Belt.
W. L. Cook	Neihart District	Neihart.
J. H. Russell	Ft. Benton District	Ft. Benton.
H. W. Gross	Havre District	Havre.
Jul. Lehfeldt	Chinook District	Chinook.
L. Minugh	Harlem District	Harlem.
H. A. Vagg	Saco District	Saco.
C. E. Peterson	Glasgow District	Glasgow.
T. A. Oaks	Culbertson District	Culbertson.
A. J. Lamb	Flathead County (Except Whitefish)	Kalispell.
H. E. Huston	Whitefish	Whitefish.
T. Brooks	Teton Couny (Except Dupuyer)	Choteau.
F. H. Federen	Dupuyer District	Dupuyer.

COMMUNICABLE DISEASES REPORTED TO THE STATE BOARD OF HEALTH.

Smallpox:—During February 24 cases were reported as follows: Beaverhead county, 1; Custer, 8; Madison, 1; Missoula, 1; Sanders, 11; Silver Bow, 2. During March 10 cases were reported as follows: Custer, 3; Deer Lodge, 1; Missoula, 1; Park, 1; Silver Bow, 4. During April 20 cases were reported as follows: Cascade, 7; Custer, 2; Fergus, 1; Flathead, 1; Missoula, 3; Park, 1; Sanders, 1; Silver Bow, 4. During May 31 cases were reported as follows: Broadwater, 1; Custer, 7; Gallatin, 1; Granite

1; Lewis and Clark, 3; Meagher, 1; Missoula, 2; Park, 8; Sanders, 1; Silver Bow, 2; Valley, 1; Yellowstone, 3. Making a total for the four months of 85, as against a total of 20 for the same period last year. This increase is accounted for by the fact that nearly every case was in a workman in a grading camp and was taken down within a few days after coming into the State, while several cases came into tht State direct from Wallace, Idaho; one case having left Wallace after the eruption had appeared. The great wonder is that the disease has not been more generally spread and the local and county health officers are due much credit for prompt action in all cases, which has resulted in confining the disease to a small number. During May four causes of smallpox were allowed to escape from the pest houses, two in Broadwater county and two in Lewis and Clark county. This could not have happened had the pest houses been properly managed. Such negligence results in extensive exposure through the infection of railway coaches.

Diphtheria:—During February 52 cases were reported as follows: Carbon, 4; Cascade, 8; Dawson, 2; Flathead, 2; Lewis and Clark, 7; Silver Bow, 19. During March 49 cases were reported as follows: Carbon, 1; Cascade, 9; Flathead, 2; Lewis and Clark, 1; Madison, 2; Missoula, 1; Park, 2; Powell, 1; Sanders, 2; Ravalli, 1; Silver Bow, 26; Valley, 1. During April 70 cases were reported as follows: Beaverhead, 7; Cascade, 10; Custer, 1; Fergus, 2; Flathead, 7; Gallatin, 7; Lewis and Clark, 4; Missoula, 1; Park, 7; Powell, 1; Ravalli, 2; Sanders, 1; Silver Bow, 10; Valley, 5. During May 87 cases were reported as follows: Chouteau, 2; Custer, 5; Deer Lodge, 3; Fergus, 5; Flathead, 5; Gallatin, 14; Lewis and Clark, 2; Meagher, 1; Missoula, 6; Park, 7; Rosebud, 3; Silver Bow, 28; Yellowstone, 6; Making a total of 258 cases for the four months as against a total of 79 cases for the same period last year.

Scarlet Fever: During February 12 cases were reported as follows: Cascade, 5; Chouteau, 2; Lewis and Clark, 1; Park, 1; Powell, 1; Silver Bow, 2. During March 11 cases were reported as follows: Cascade, 5; Deer Lodge, 4; Madison, 1; Powell, 1. During April 17 cases were reported as follows: Beaverhead, 1; Cascade, 9; Lewis and Clark, 2; Missoula, 4; Silver Bow, 1. During May 27 cases were reported as follows: Broadwater, 1; Chouteau, 4; Deer Lodge, 8; Lewis and Clark, 2;

Missoula, 5; Silver Bow, 5; Valley, 2; making a total of 67 cases for the four months as against 83 cases for the same period of last year.

Measles:—During February 199 cases were reported as follows: Broadwater, 94; Carbon, 15; Chouteau, 1; Flathead, 3; Lewis and Clark, 2; Missoula, 2; Powell, 25; Ravalli, 1; Silver Bow 49. During March 117 cases were reported as follows: Carbon, 37; Custer, 4; Flathead, 7; Lewis and Clark, 23; Ravalli, 3; Silver Bow, 18; Valley, 15. During April 75 cases were reported as follows: Broadwater, 11; Custer, 8; Flathead, 3; Lewis and Clark, 35; Meagher, 2; Missoula, 4; Park, 3; Powell, 1; Rosebud, 3; Silver Bow, 5. During May 141 cases were reported as follows: Broadwater, 6; Chouteau, 5; Custer, 7; Deer Lodge, 4; Fiathead, 5; Granite, 1; Lewis and Clark, 29; Missoula, 4; Park, 15; Rosebud, 3; Silver Bow, 9; Teton, 15; Yellowstone, 26. Total for four months 569 cases as against 226 for the same period last year.

Typhoid Fever:—During February 3 cases were reported as follows: Chouteau, 2; Custer, 1. During March 12 cases were reported as follows: Broadwater, 2; Cascade, 1; Flathead, 6; Missoula, 3. During April 9 cases were reported as follows: Custer, 1; Flathead, 5; Lewis and Clark, 2; Meagher, 1. During May 7 ccases were reported as follows: Carbon, 1; Flathead, 3; Silver Bow, 2; Teton, 1. Total for four months 31 as against a total of 141 for the same period last year.

Mortality Report for February, March, April and May, 1907.

Causes of Death	Feb.	Mar.	Apr.	May
Pneumonia	65	34	48	27
Nephritis	18	11	20	15
Suicide	2	4	6	3
Violence other than suicide	24	26	30	39
Organic Heart Disease	19	13	14	17
Diphtheria	13	13	11	18
Tuberculosis	27	33	35	18
Acute Intest. Diseases	6	5	6	11
Malignant Tumors	4	7	8	14
Meningitis	17	22	20	25
Typhoid Fever	7	6	3	2
Scarlet Fever	1	0	2	3
Measles	4	1	2	3
Whoopingcough	0	0	1	1
Spotted (Tick) Fever	0	0	1	3
Alcoholism	8	6	5	10
All other causes	95	111	100	110
Totals	310	292	312	319
Deaths per 100,000	110.7	104.3	107.5	112.9
Annual death rate per 1,000	13.28	12.51	12.90	13.54

The deaths from meningitis are more numerous than usual. The disease has prevailed generally over the State. There has not been an epidemic at any point, but cases have appeared in every county in the state.